

University of Dundee

Dundee's Wonder Women of Science

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Dundee's WONDER WOMEN of SCIENCE

Celebrating twelve amazing Dundee women who made major impacts in various areas of science.



Rebecca Strong

Nurse Rebecca Strong was born in London. She worked at Dundee's main hospital, the Royal Infirmary, as matron for some years. During this time, she improved working conditions in the hospital for nurses. Her main claim to fame was starting formal training of nurses. These training methods were copied by others around the world. She died aged 100 in 1944.



Williamina Fleming

Astronomer Williamina Fleming was born in Dundee in 1857. She moved to America when she was 21 and got a job in the observatory at Harvard College, a top university in the USA. She made many discoveries that advanced astronomy. She found the Horsehead Nebula and the first white dwarf star.



Mary Lily Walker

Mary Lily Walker introduced pioneering social reforms. They were to help the poorest people of Dundee. She set up clubs for working women and restaurants for mothers with babies. Mary studied at Dundee High School and was one of the first students at University College Dundee (now the University of Dundee) in 1883.



Helen Ogilvie

Dundonian Helen Ogilvie was one of the first women to work in marine science. She studied Zoology and Botany at University College Dundee. She then moved to Norway where she became an expert on plankton. She returned to Dundee in 1912 to do work for the Scottish Fishery Board. She then moved to the Aberdeen Marine Laboratory where she spent the rest of her career.



Ruth Young

Doctor Ruth Young was born in Dundee in 1884 and studied medicine at University College Dundee. In 1910, she went to live in India. She held various medical jobs including Professor of Surgery. She shared expert knowledge in maternity and child welfare. She travelled widely, visiting Africa, the Middle East and Far East.



Doris Mackinnon

Doris Mackinnon was born in Aberdeen. She came to Dundee in 1909 to teach Biology at University College Dundee. During World War One she worked in military hospitals to diagnose infections. She became an expert in protozoology (the study of tiny animal-like organisms). In 1927, she became Professor of Zoology at Kings College London. She was their first woman professor.



Margaret Fairlie

Doctor Margaret Fairlie studied Medicine in Dundee and established a practice there in 1919. She became a popular teacher in the Medical School. In 1940, she became Professor of Obstetrics & Gynaecology (meaning the science of child-birth). This made her the first woman professor in any university in Scotland.



Edith Philip Smith

Edith Philip Smith was born in Stirling. In 1920, she became one of the first women to get a degree from Oxford University. Six years later she moved to Dundee to work at University College. She taught Botany (the scientific study of plants). She published important botanical research during her career. She also founded the Dundee Soroptimist Club for professional women in the city.



Victoria Drummond

Victoria Drummond was the first woman in Britain to become a marine engineer. She studied at Dundee Technical College (now Abertay University). She served with the Merchant Navy on 35 different ships between 1922 and 1962. During World War Two she was awarded the Lloyd's War Medal for Bravery at Sea.



Nellie Walker

Nellie Walker began studying Chemistry at University College Dundee in 1908. She stayed on to do further research after graduating. In 1920, she became the first female member of staff in the Chemistry department. She continued to do important research for several years. At that time, women usually had to give up working when they got married, which she did in 1927.



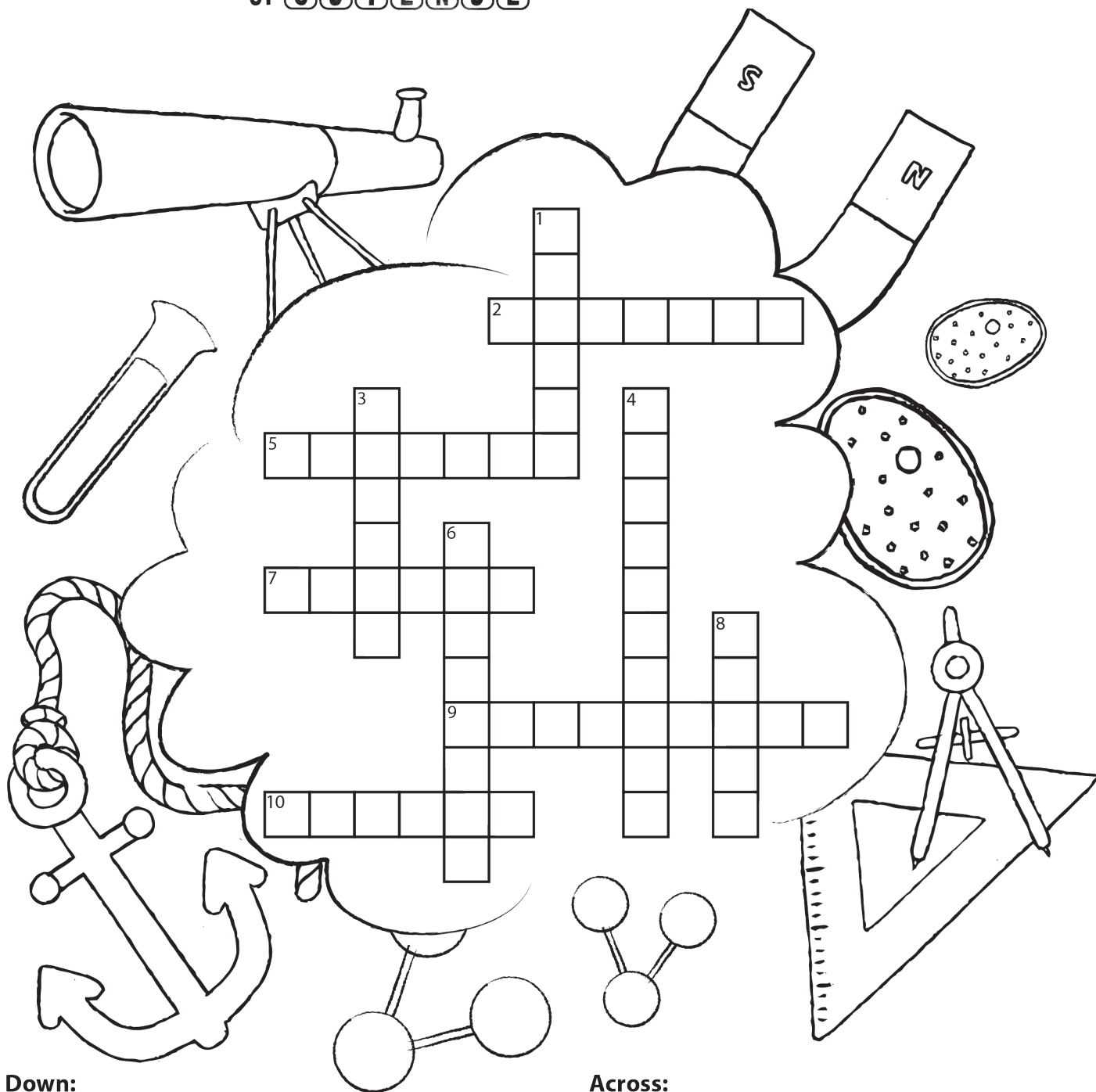
Margaret Cameron

Dundee's ship-building industry was dominated by men. World War Two gave women the chance to make their mark. Margaret Cameron worked as an apprentice for the Caledon company for five years. She studied Maths at Dundee Technical College during her training. In 1948, she became the first woman in Dundee to become a qualified naval architect.



Rosemary Hutton

Rosemary Hutton was born in Dundee. She studied Maths and Physics at St Andrews University. In 1954, she moved to Africa to teach at universities in Ghana and Nigeria. She became an expert in geophysics (the physical properties of our planet). She returned to Scotland in 1969 to do important research on the magnetism of the Earth.



Down:

1. The Scandinavian country that Helen Ogilvie worked in.
3. The subject Edith Philip Smith taught at University College, Dundee.
4. The subject Rosemary Hutton was an expert in.
6. The subject Ruth Young and Margaret Fairlie studied at University.
8. The subject Margaret Cameron studied at Dundee Technical College.

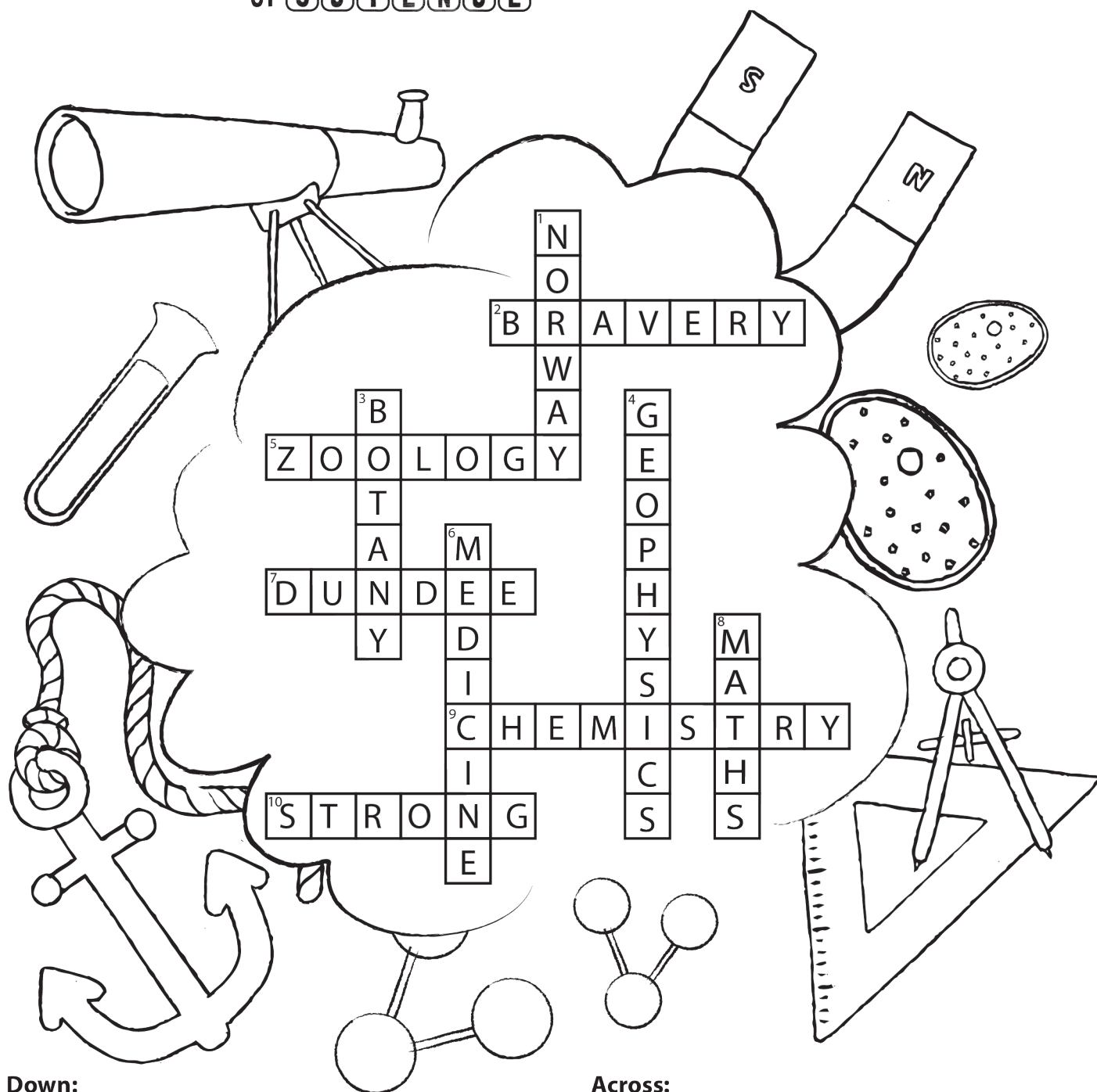
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2. The Lloyd's Medal that Victoria Drummond was awarded during World War Two.
5. The subject that Doris Mackinnon became a Professor in.
7. The place where Williamina Fleming, Ruth Young and Rosemary Hutton were born.
9. The university department that Nellie Walker worked in.
10. The surname of the nurse who started formal training of nurses in Dundee.

WONDER WOMEN

of **SCIENCE**

CROSSWORD



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